

<u>COLS</u>	<u>FIELD NAME</u>	<u>FORMAT</u>
1	record type	I1
2-3	day	I2
4-5	month	I2
6-7	year	I2
8-11	time of day (GMT as HHMM)	I4
8-9	hour of day	I2
10-11	minute of day	I2
12-14	time zone	I3
15-23	latitude (radians)	F9.6
24-32	longitude (radians)	F9.6
33-37	ship's velocity north (knots)	I5
38-42	ship's velocity east (knots)	I5
43-49	observed gravity (milligals)	F7.1
50-54	free-air anomaly (milligals)	F5.1
55-59	Bouguer anomaly (milligals)	F5.1
60-64	current velocity north (knots)	I5
65-69	current velocity east (knots)	I5
70-74	corrected depth (meters)	I5
75-77	depth correction (meters)	I5
78-79	Matthews' table correction number	I2
80-84	observed magnetic value (gammas)	I5
85-89	Eotvos correction (milligals)	F5.1

## Record Type:

- 1 = data processed using 1930 International gravity formula
- 2 = data processed using 1967 International gravity formula
- 9 = end of reel or data

## OBSERVED GRAVITY:

Total gravity field in milligals. The value is corrected for the Eotvos factor and may have been corrected for gravity-meter drift and for bias. Free-air and Bouguer anomalies have not been applied.

## FREE-AIR ANOMALY:

The calculated gravity anomaly, in milligals, at data point.

If data not available, the field equals 9999.

BOUGUER ANOMALY:

If depth data are present, the Bouguer anomaly, in milligals, at data point. If data not available, field equals 9999.

VELOCITY OF CURRENT NORTH & EAST:

The difference between velocities calculated from the navigation fixes and those taken from the EM log.

MATTHEWS' TABLE:

Matthews' table reference number 1-52.

OBSERVED MAGNETIC VALUE:

If available, observed magnetic value for data point.

EOTVOS CORRECTION:

The Eotvos correction that was applied to the raw gravity data.